

AWTA PRODUCT TESTING

Australian Wool Testing Authority Ltd - trading as AWTA Product Testing
A.B.N 43 006 014 106

1st Floor, 191 Racecourse Road, Flemington, Victoria 3031
P.O Box 240, North Melbourne, Victoria 3051
Phone (03) 9371 2400 Fax (03) 9371 2499

TEST REPORT

Client : Dotmar Plastics
25 Loyalty Road
North Rocks NSW 2151

Test Number : 15-002309
Issue Date : 25/05/2015
Print Date : 20/07/2015

Sample Description Clients Ref : "Nuvex Saniboard"
Textured plastic panels
Colour : Grey
End Use : Toilet & Shower Cubicle dividers
Nominal Composition : High Density Polyethylene with fire retardant additive
Nominal Mass per Unit Area/Density : 0.95g/cm³
Nominal Thickness : 19mm

AS/NZS 1530.3-1999

Methods for Fire Tests on Building Materials, Components and Structures Part 3: Simultaneous Determination of Ignitability, Flame Propagation, Heat Release and Smoke Release

Face tested: Face
Date tested: 25/05/2015

	Standard Error	Mean
Ignition time	0.05	8.83 min
Flame propagation time	3.0	137.3 sec
Heat release integral	2.0	82.6 kJ/m ²
Smoke release, log d	0.0494	-1.4202
Optical density, d		0.0392 / metre

Number of specimens ignited: 6
Number of specimens tested: 6

Regulatory Indices:
Ignitability Index 11 Range 0-20
Spread of Flame Index 3 Range 0-10
Heat Evolved Index 3 Range 0-10
Smoke Developed Index 3 Range 0-10

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Accredited for compliance with ISO/IEC 17025
- Chemical Testing
- Mechanical Testing
- Performance & Approvals Testing

: Accreditation No. 983
: Accreditation No. 985
: Accreditation No. 1356



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APPROVED SIGNATORY

MICHAEL A. JACKSON B.Sc.(Hons)
MANAGING DIRECTOR

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These results only apply to the specimen mounted, as described in this report. The result of this fire test may be used to directly assess fire hazard, but it should be recognised that a single test method will not provide a full assessment of fire hazard under all fire conditions.

Each test specimen was clamped in four places.

The specimens melted away from the area of maximum heat and produced flaming droplets during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

The specimens melted and flowed away from the area of maximum heat during the test. Due to this phenomena it should be recognised that this test result may not be a true indication of the product's fire hazard properties.

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MANAGING DIRECTOR